

MNM Fatal 2004-14

- Powered Haulage
- July 24, 2004 (Oklahoma)
- Limestone
- Laborer
- 18 years old
- 8 days experience

Overview

- The victim was seriously injured on July 24, 2004, when the lift assembly of the skid-steer loader he was operating pinned him against the cab of the machine. He was attempting to position the bucket so he could replace a hinge pin that had fallen from the left lift arm. He died on August 6, 2004.



Victim was caught between the lifting arm cylinder pin assembly and the top front of the cab

The pin was found on the ground just inside the left front tire.

The pin was missing from the left front arm of the lift where it attaches to the bucket.

The bucket was found turned up resting on the cutting edge.



The safety bar was found in the down position in the operator's cab.



The pin was missing from the point where the lift arm attaches to the bucket. It was found just inside the left front tire lying on the ground.

Why Did Accident Occur?

- The accident occurred because safe operating procedures were not followed when performing repairs to the skid-steer loader without shutting off the engine and blocking the loader against hazardous motion.

Causal Factors

- Policies and administrative controls were inadequate because newly hired employees were not monitored to prohibit them from performing repair tasks by themselves.
- The operator of the skid-steer loader did not follow the manufacturer's recommendations for operating the loader. The task training provided did not include a review of the equipment operator's manual.

Best Practices

- Evaluate a task and identify any potential hazards (conduct a risk analysis) before performing any maintenance work. Establish safe work procedures that include removing the hazards before beginning any work.
- Train all personnel assigned to operate mobile equipment regarding the safe work procedures and the hazards associated with maintenance of the equipment.
- Position yourself in a safe location where you are not exposed to hazards.
- Before performing repairs or maintenance on equipment, turn the power off and block the machinery against hazardous motion.
- Monitor personnel routinely to determine that safe work procedures are followed.